

## CLAIMS

1 1. A host processor so configured as to provide an application programming interface  
2 between a host computer driver and a telephone data processing system capable of proc-  
3 essing both analog-type telephone calls and ISDN telephone calls, said application pro-  
4 gramming interface comprising:

5 a host interface that transfers signals to and from the host computer driver;

6 a modem interface that transfers signals to and from the host interface and that  
7 transfers commands and data associated with analog type telephone calls to and from a  
8 modem processor in the telephone data processing system, the modem processor proc-  
9 essing analog type telephone calls; and

10 an ISDN interface that transfers signals to and from the host interface and that  
11 transfers commands and data associated with ISDN telephone calls to and from an ISDN  
12 processor in the telephone data processing system, the ISDN processor processing ISDN  
13 telephone calls.

1 2. A host processor as defined by Claim 1 wherein the modem interface transfers com-  
2 mands and data to and from the modem processor to process multiple simultaneous ana-  
3 log-type telephone calls.

1 3. A host processor as defined by Claim 1 wherein the ISDN interface transfers com-  
2 mands and data to and from the ISDN processor to process multiple simultaneous ISDN  
3 telephone calls.

1 4. A host processor as defined by Claim 1 wherein the host interface transfers signals to  
2 and from the host driver to process multiple analog-type and ISDN telephone calls.

1 5. A host processor as defined by Claim 1 wherein the signals transferred to and from  
2 the host computer driver are independent of the call type of the telephone call being proc-  
3 essed.

1 6. An apparatus for providing an application programming interface between a host  
2 computer driver and a telephone data processing system capable of processing both ana-  
3 log-type telephone calls and ISDN telephone calls, said application programming inter-  
4 face comprising:

5 host interface means for implementing a host interface that transfers signals to and  
6 from the host computer driver;

7 modem interface means for implementing a modem interface that transfers signals  
8 to and from the host interface and that transfers commands and data associated with ana-  
9 log type telephone calls to and from a modem processor in the telephone data processing  
10 system, the modem processor processing analog type telephone calls; and

11 ISDN interface means for transferring signals to and from the host interface  
12 means and transferring commands and data associated with ISDN telephone calls to and  
13 from an ISDN processor in the telephone data processing system, the ISDN processor  
14 processing ISDN telephone calls.

1 7. An apparatus as defined by Claim 6 wherein the modem interface means transfers  
2 commands and data to and from the modem processor to process multiple simultaneous  
3 analog-type telephone calls.

1 8. An apparatus as defined by Claim 6 wherein the ISDN interface means transfers  
2 commands and data to and from the ISDN processor to process multiple simultaneous  
3 ISDN telephone calls.

1 9. An apparatus as defined by Claim 6 wherein the host interface means transfers sig-  
2 nals to and from the host driver to process multiple analog-type and ISDN telephone  
3 calls.

1 10. An apparatus as defined by Claim 6 wherein the signals transferred to and from the  
2 host computer driver are independent of the call type of the telephone call being proc-  
3 essed.

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